



Media Release

D-Link Ships High Performance *AirPremier*[™] Business-Class Wireless Access Devices Offering Unparalleled Functionality

New Wireless Switching Access Points Integrate with Advanced Features of D-Link's DWS-3024/3026 AirPremier Wireless Switches

SYDNEY, Aust., March 26, 2007 – D-Link, the end-to-end networking solutions provider for consumers and business, is shipping two new high-performance *AirPremier*[™] business-class wireless access devices that provide up to 108Mbps transmission rates* with unparalleled wireless mobility and access to the functions of D-Link's *AirPremier* DWS-3024/3026 wireless switches.

The new DWL-3500AP Wireless Switching 108 G Access Point operates on the 2.4GHz frequency band, while the DWL-8500AP Wireless Switching 108 AG Access Point provides flexible dualband wireless connectivity on both the 802.11a and 802.11g bands. When connected to D-Link's DWS-3024/3026 wireless switches, the new wireless access points continually tune themselves for optimal RF channel and transmission power to provide all mobile clients with the best wireless signal.

"The combination of D-Link's new high-performance *AirPremier* wireless access points and DWS-3024/3026 wireless switches gives organisations of all sizes unprecedented flexibility and power in meeting the connectivity needs of mobile users," said Dean Williams, Product Strategy Manager, D-Link Australia & New Zealand. "Mobile users can get seamless roaming between access points for clear, uninterrupted data and voice communication. And organisations can provide high performance and availability along with centralised management, enhanced wireless security features and full 802.11 support."

The DWL-8500AP delivers concurrent wireless performance with maximum wireless signal rates in both frequency bands simultaneously. With dualband connectivity, two wireless networks are created both running at full bandwidth speeds, offering a significant increase in total network capacity. At the same time, the DWL-8500AP remains fully backward compatible with the 802.11b standard in the 2.4GHz frequency.

With transmission speeds of up to 108Mbps (Turbo mode)*, the DWL-3500AP and DWL-8500AP are an ideal solution for bandwidth intensive WLAN applications. In a typical working environment with multiple users accessing the network at the same time, both new wireless access points can operate at double the throughput of regular 802.11g wireless LAN equipment.

Individual access points have no local storing of any data so they can be safely installed in unsecured areas without fear of hacking or theft. The DWS-3024/3026 switch is the hardware that contains vital network and user information and is typically stored in a secure location. Both new access points can link to the DWS-3024/3026 directly or through the existing wired network, and roam in high speed within a single DWS-3024/3026 or even across Layer 3 boundaries (between several cascaded DWS-3024/3026 switches).

The DWS-3024/3026 switch automatically configures every connected DWL-3500AP or DWL-8500AP, so no configuration is necessary during installation. If a wireless access point needs to

be replaced, the replacement automatically inherits the same configuration, making the replacement process simple and easy.

For maximum coverage, the new wireless access points can be placed at out-of-the-way locations such as on a ceiling or a high wall, where AC outlets are inaccessible and providing power to these locations is difficult and expensive. The DWL-3500AP or DWL-8500AP can easily obtain power from a DWS-3024/3026 switch located as far as 100 metres away through the unused pairs of the existing network cable, doing away with the need to install separate power wiring. With industry-standard 802.3af PoE support, the wireless access point does not even require a PoE injector.

Each new wireless access point plays a key role in rogue detection. It continuously scans both frequency bands and their associated channels to root out rogues while simultaneously providing wireless connectivity to mobile clients. If a rogue is detected, the closest DWL-3500AP or DWL-8500AP can launch RF counter measures by spoofing 802.11 control messages. This prevents clients from communicating, associating and authenticating with a rogue.

The new wireless access points support 64/128/152-bit WEP data encryption, WPA/WPA2 security and multiple SSID per RF frequency band. Connected to the DWS-3024/3026 switch, these functions, along with wireless user MAC Address Filtering and SSID Broadcast Disable, can be configured to set up security and limit outsiders' access to the internal network. The DWL-3500AP and DWL-8500AP support 802.1Q VLAN Tagging and WMM (Wi-Fi Multimedia) for important wireless transmissions such as VoIP and streaming media applications, delivering critical user-based services, such as prioritised delivery of voice traffic.

** Maximum wireless signal rate 54Mbps based on IEEE standard 802.11a and 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead can lower actual data throughput rate. 108Mbps Turbo mode operation in 5GHz frequency band is not allowed in EU countries.*

Price and Availability

The DWL-3500AP is now available and priced at AU\$429 RRP inc. GST (NZ price on application). The DWL-8500AP is priced at AU\$569 RRP inc. GST (NZ price on application).

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For further information please contact:

David Sanday
Bowes Communications
+61 (0)2 9387 2333
chris.bowes@bowespr.com

About D-Link

D-Link is the global leader in connectivity for small, medium and large enterprise business networking. The company continues to strive for excellence as an award winning designer, developer, and manufacturer of networking, broadband, digital electronics, voice and data communications solutions for the digital home, Small Office/Home Office (SOHO), Small to Medium Business (SMB), and Workgroup to Enterprise environments. With millions of networking and connectivity products manufactured and shipped, D-Link is a dominant market participant and price/performance leader in the networking and communications market. D-Link Australia and New Zealand headquarters are located at 1 Giffnock Avenue, North Ryde, NSW, 2113, Sydney Australia. Phone +61 (0)2 8899 1800; FAX +61 (0)2 8899 1868; Internet www.dlink.com.au; email marketing@dlink.com.au.

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